

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Robert Steigerwald, et al.**

Group Art Unit: **1753**

Serial No. **10/748,587**

Examiner: **Not Yet Assigned**

Filed: **12/30/2003**

Confirmation No.: **8245**

For: Transformerless Power Conversion In  
An Inverter For A Photovoltaic System

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

- ☒ 1. Pursuant to 37 CFR 1.97(b)  
(within 3 months of filing or prior to 1st Office Action)
- ☐ 2. Certification Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- ☐ 3. Fee Payment Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- ☐ 4. Petition, Certification & Petition Fee Payment Pursuant to 37 CFR  
1.97(d) (before issue fee payment)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following are submitted in the above identified application in compliance with  
37 CFR 1.97 & 1.98:

- ☒ 5. A list of documents on form PTO-1449 is enclosed herewith.

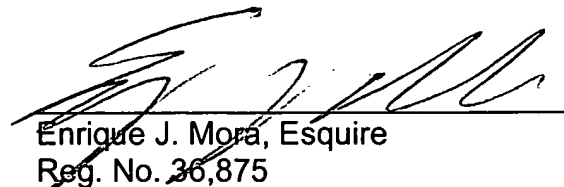
This paper is submitted in accordance with:

- ☒ 6. 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- ☐ 7. 37 CFR 1.97(c): [before Final office Action or Allowance, whichever is  
earlier; and
- ☐ 8. The required certification made in item 11 below; or

- ☐ 9. The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement.
- ☐ 10. 37 CFR §1.95(d): [before issue fee payment]; and
- a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention: PETITIONS EXAMINER" and, if applicable, include batch locator information: e.g., "Allowed Files, Batch \_\_\_\_\_, Date of Allowance \_\_\_\_\_"), and
- b) The required Certification is stated in item 11 below.
- ☐ 11. Certification
- ☐ (a) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
- or
- ☐ (b) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- ☐ 12. Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. \_\_\_\_\_.

An original and two (2) copies of this document are enclosed.

Respectfully submitted,



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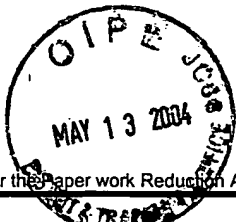
Email: [emora@iplawfl.com](mailto:emora@iplawfl.com)



CERTIFICATE OF MAILING

I HEREBY CERTIFY that this Supplemental Information Disclosure Statement is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10<sup>th</sup> day of May, 2004.

  
Grayce A. Lichtenberger



PTO/SB/08B (05-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449B/PTO

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application Number	10/748,587
Filing Date	12/30/2003
First Named Inventor	Robert Steigerwald
Group Art Unit	1753
Examiner Name	Not Yet Assigned
Attorney Docket Number	132743/068709-039

Sheet 1 of 1

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	R.L. STEIGERWALD, A. FERRARO, R. E. TOMPKINS, "Investigation of a Family of Power Conditioners Integrated into the Utility Grid (Residential Power Conditioner), Contractor Report, Report No. 81CRD259, October 1981	

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.